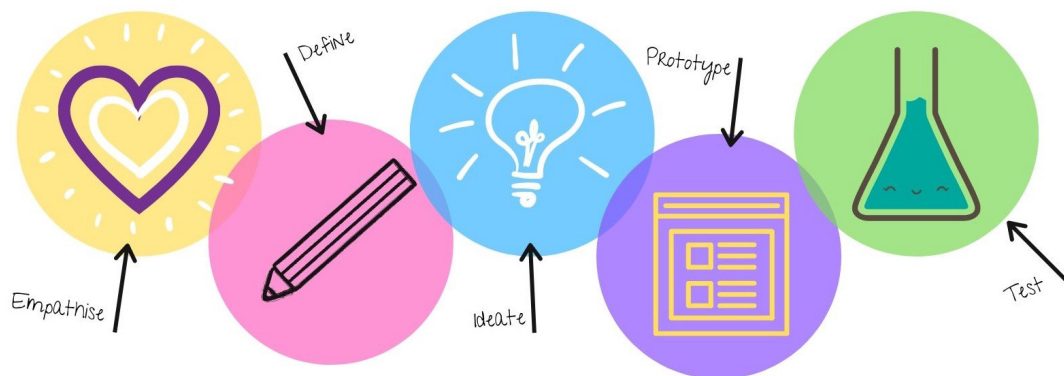




Think Like an Engineer Workshop



Design Thinking Process

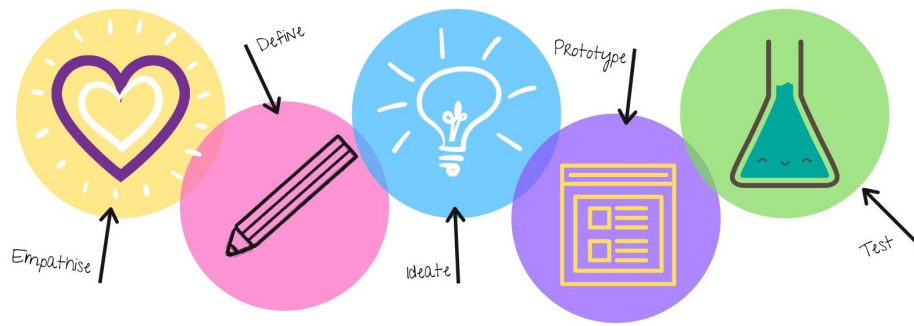


Project 1: Design an assistive device using at least one simple machine

Who would your device help and why do they need it?

What are some ideas you have about your assistive device?

Draw a blueprint of your design:



Project 2: Design and build a water collection device

Who would benefit from a water collection device?

What are some ideas you have about the design of your water collection device?

Draw a blueprint of your design:

Build a prototype!

Project 3: Design and build a device that can launch a cotton ball

What are some things to consider when designing a cotton ball launcher?

What are some ideas you have about the design of your cotton ball launcher?

Draw a blueprint of your design:

Build a prototype!